

Answer on Question #77079 – Math – Statistics and Probability

Question

In a class of 20 children, 4 of the 9 boys and 3 of the 11 girls are in the athletics team. A person from the class is chosen to be in the 'egg and spoon' race on sport Day. Find the probability that the person chosen is

4.1 in the athletics (5) 4.2 female (5) 4.3 a female member of the athletics team (5) 4.4 Between 4500 and 4900 oranges

Solution

4.1

$$Pr = \frac{7}{20} = 0.35$$

4.2

$$Pr = \frac{11}{20} = 0.55$$

4.3

$$Pr = \frac{3}{20} = 0.15$$

4.4 It does not make sense